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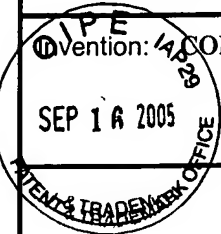
WU, Ives J.

Group Art Unit

1713

Invention: 4 COMPOSITION FOR ANTIREFLECTIVE COATING AND METHOD FOR FORMING SAME

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PATENT ABSTRACTS OF JAPAN

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(21)Application number : 03-252619 (71)Applicant : TOPPAN PRINTING CO LTD

(22)Date of filing : 30.09.1991 (72)Inventor : HATTA SATOSHI

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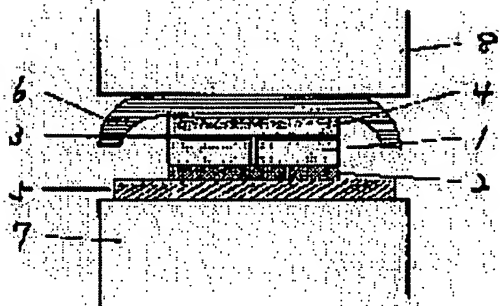
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(54) PRODUCTION OF MULTIFACED ORIGINAL PLATE FOR REPRODUCTION OF HOLOGRAM

(57)Abstract:

PURPOSE: To prevent the generation of defective transfer parts, spacings and groove traces to be generated in the case of press molding of hologram products and to allow relief patterns to be well transferred by eliminating the spacings and grooves generated between molds for duplicating the relief holograms.

CONSTITUTION: The relief hologram type original plate is cut to a prescribed shape and the parts to be cut are by a milling machine to grind off the ruggedness of the parts to be cut and to smooth these part so as not to generate the spacings and grooves when the parts to be cut are joined. Such original plates 1 are arrayed on a base material 2 for installation in such a manner that the smoothed parts to be cut are closely mated with each other. The installing base material 2 and the original plates 1 are placed on a surface plate 5 installed on the lower plate surface of a press machine and a backing base material 4 is superposed thereon via solder 3. Pressing under heating is executed via a heat resistant silicone rubber sheet 6 having a high thermal conductivity to join the lining base material 4 and the plural original plates 1. The installing base material 2 is then peeled and the practicable plates are produced by Ni plating.



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